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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/863,352	05/24/2001	Masaru Sugano	010661	1126

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EXAMINER

HOSSAIN, FARZANA E

ART UNIT	PAPER NUMBER
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2623

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/12/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 09/863,352	Applicant(s) SUGANO ET AL.	
	Examiner Farzana E. Hossain	Art Unit 2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 January 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 10-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 10-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 May 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 1/19/2007 has been entered.

Response to Amendment

2. This office action is in response to communications filed on 1/19/2007. Claims 1-9 are cancelled. Claims 10, 19 are amended. Claims 11-18, 20-27 have been previously presented.

Response to Arguments

3. Applicant's arguments filed 1/19/2007 have been fully considered but they are not persuasive.

Art Unit: 2623

The applicant argues that Sezan does not disclose teaching identifying portions for multiple items for multiple programs and a slide consisting of multiple items from multiple programs and providing sequential description of the components.

In response to the arguments, Sezan discloses a set of key frame views on the lower portion of Figure 9 and also a set of shot views on the lower portion of Figure 8. The key frame views on the lower portion are multiple items. The one or more slide components of each of the multiple items are the key frames or shots (Figure 9). The number of slide components for each key frame is determined by the level indicator or frequency (Figure 8, Figure 9, Column 14, lines 17-38). Sezan discloses forming a slide comprising one or more slide components from each of the multiple items (Figure 8, Figure 9, Column 14, lines 17-38, Column 22, lines 26-32, Column 26, lines 56-58). Sezan discloses that the segments of a program or multiple items are sequential and descriptions are provided such as Shot No. 100. See new rejection.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Art Unit: 2623

5. Claims 10-27 are rejected under 35 U.S.C. 102(e) as being anticipated by U. S. Patent No. 6,236,395 (Sezan et al and hereafter referred to as "Sezan").

Regarding claims 10 and 19, Sezan discloses a method of describing summary data of at least one of audio data, video data and audiovisual data (hereinafter audio/video) (Figures 8-10, Column 4, lines 40-45, lines 58-59), the method comprising:

Identifying multiple items of compressed or uncompressed original audio/video contents or multiple key frame views on the lower portion of the screen (Column 14, lines 21-32);

Identifying one or more slide components from each the multiples items of compressed or uncompressed audio/video contents or representative key frames per key frame view (Figures 8-10, Column 14, lines 21-32, Column 26, lines 56-58);

Forming an audio/video slide comprising one or more slide components from each of the multiple items of compressed or uncompressed original audio/video contents (Column 14, lines 21-32, Column 22, lines 26-32, Column 26, lines 56-58);

Providing a description of the slide components such that the components are described sequentially including Shot No. 100 (Column 14, lines 21-32, Figures 8-10. Column 15, lines 14-21, Column 35-52, Column 4, lines 40-55, Column 27, lines 13-54, Figure 16); wherein the description of the slide components includes a description about a link between the multiple items of original audio/video contents and the slide components or that the descriptor <key frame views> specifies frame start and end ids in a selected key frame view (Figure 9, Column 16, lines 15-22),

And regarding Claim 19, including a link description of the temporal relationship (frame start and end id) between the original audio/video contents and the slide components (Column 16, lines 1-21); and

Displaying the description of the slide components or describing the shot or frame including Shot No. 100 (Figure 8, Figure 9).

Regarding Claims 11 and 20, Sezan discloses all the limitations of Claims 10 and 19 respectively. Sezan teaches a method of describing summary data (program description scheme 18 in Figure 1) wherein the slide components (Key Frames) of the audio/video are multiple segments included in the multiple compressed or uncompressed audio/video contents as discussed in the rejection of claim 10 (Column 14, lines 20-29). Sezan also teaches information (Video clips) about the segments are described sequentially. Each video clip associated with each key frame is defined by the descriptor <clip> (Column 16, lines 18 - 20). The clips are defined sequentially in the program description scheme description on Column 16 in the Key Frame view section. Also the Key frames are described sequentially with respect to the different programs.

Regarding Claims 12 and 21, Sezan discloses all the limitations of Claims 10 and 19 respectively. Sezan also teaches wherein the slide components (Key Frames) of the audio/video are multiple segments included in the multiple compressed or uncompressed audio/video contents (Column 9, 45 - 52). Sezan discloses a user can select a key frame view from a set of key frame views (Figure 9) to show corresponding key frames (slide components) (lower portion of Figure 9) and key frames in a set of key

Art Unit: 2623

frame views are sequential (Column 14, lines 21-28). Therefore, the audio/video slide components are single or multiple segments included in multiple compressed or uncompressed audio/video contents. Sezan also teaches that the segment is in a separate file (Column 10, lines 4-5). Sezan states that summarized information may be recorded onto a storage device; therefore, each summary can be recorded individually (Column 9, lines 45-52). Therefore, since each summary is recorded individually, each recorded summary is a separate file.

Regarding Claims 13 and 22, Sezan discloses all the limitations of Claims 10 and 19 respectively. Sezan also teaches wherein the slide components (Key Frames in lower portion of Figure 9) of the audio/video are single or multiple segments or key frames (which depend on level indicator) included in the single compressed or uncompressed audio/video content or a set of Key Frame Views (Column 26, lines 56-58, Column 16, lines 34). Sezan also teaches wherein the user can select key frames or slide components from a set of key frame views (Figure 9 and the lower portion of Figure 9). Therefore, Sezan teaches wherein the slide components of the audio/video slide are single or multiple segments included in the original audio/video contents that are integrated as one composite file (Figures 8-10, Column 10, lines 21-32) and individual segments are described sequentially (Column 14, lines 21-28, Column 16, lines 1-22).

Regarding Claim 14 and 23, Sezan discloses all the limitations of Claims 10 and 19 respectively. Sezan also teaches wherein if there are multiple compressed or uncompressed audio/video contents (Figure 9, multiple key frame views), the

description about the link between the compressed or uncompressed audio/video contents and the slide components (Key Frames, Lower portion of Figure 9) is the description about the identifier including Frame start and end ids and its title including Shot No 100 (Figure 9, Column 16, lines 1 -5) of the compressed or uncompressed audio/video content to which the slide components belong (Figure 9).

Regarding Claim 15 and 24, Sezan discloses all the limitations of Claims 10 and 19 respectively. Sezan also teaches wherein if there is a single compressed or uncompressed audio/video content (Figure 9, Key Frame), the description (Key Frame view description in Figure 9, Column 16, lines 15-21) about the link between the compressed or uncompressed audio/video content and the slide components (Key Frames, lower portion of Figure 9) is the description about a temporal segment (Each key frame in the lower portion of Figure 9) in the compressed or uncompressed audio/video content of the multiple key frame views of the slide components (Key Frames, lower portion of Figure 9, Column 14, lines 32 - 34, Column 16, lines 1 - 20). Therefore, the link describes a temporal segment between the slide components and the single compressed or uncompressed content or key frame view as each key frame contains a frame start and frame end id (Column 16, lines 1 - 5) for a particular program.

Regarding Claims 16 and 25, Sezan discloses all the limitations of Claims 10 and 19 respectively. Sezan also teaches wherein it is possible to transfer from playback of the audio/video slide to playback of the single or multiple compressed or uncompressed audio/video content relating to the slide components of the audio/video slide, and it is

Art Unit: 2623

possible to transfer reversely from playback of single or multiple compressed or uncompressed audio/video content to playback of the slide (Column 12, lines 10-16).

Regarding Claims 17 and 26, Sezan discloses all the limitations of Claims 10 and 19 respectively. Sezan also teaches wherein it is possible to display the attribute data described about the corresponding compressed or uncompressed audio/video content or key frame view by using the description of the audio/video slide components or key frames during playback of the audio/video slides (column 14, lines 29-38). Sezan discloses each key frame (lower portion of Figure 9) contains clip information (start and end frame id descriptions) with video segments (attributes) of the single compressed or uncompressed content (Column 14, 32-34, Column 16, lines 19-22). Therefore, the attribute data (video segments) corresponding to compressed or uncompressed audio/video are displayed.

Regarding Claims 18 and 27, Sezan discloses all the limitations of Claims 10 and 19 respectively. Sezan also teaches the audio/video slide component (Key Frame Views, lower portion of Figure 9) contains description <Clip> that specifies the start and end frame id's of a segment of the original program (Column 16, lines 16-21) and that a user can select to play back the desired segment by searching data indicating the frames that are presented in the program description scheme (Column 9, line 67, Column 10, line 1). Therefore, Sezan discloses corresponding single compressed or uncompressed audio/video content is played by using the description data (<Clip> data) of the audio/video slide components (Key Frames) during playback of the audio/video slide (Key Frame View, Figure 9):

Art Unit: 2623


Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Farzana E. Hossain whose telephone number is 571-272-5943. The examiner can normally be reached on Monday to Friday 8:00 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Kelley can be reached on 571-272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

FEH
March 5, 2007


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PRIMARY PATENT EXAMINER